

- 2 -

Application No. 10/658,746  
Docket No. 033171-30In the Claims:

1. (Currently Amended) A device for climate control of a vehicle interior, comprising:

a coolant circuit in which coolant flows therethrough;

a compressor positioned in the coolant circuit;

a condenser positioned in the coolant circuit;

an evaporator positioned in the coolant circuit;

a heat source having a cooling circuit;

a liquid heat transfer medium circuit in which a liquid heat transfer medium flows therethrough, said liquid heat transfer medium circuit having connections for receiving liquid heat transfer medium from the cooling circuit of the heat source and for returning liquid heat transfer medium back to the coolant circuit of the heat source;

first and second heat exchangers positioned in the liquid heat transfer medium circuit;

a heat/cold reservoir in which the evaporator and the first heat exchanger are located;

and

a heating/cooling surface for at least one of a driver's bed and vehicle interior wall, said heating/cooling surface being integrated into the liquid heat transfer medium circuit such that a fluid flow connection exists between the heat exchangers and the heating/cooling surface which conveys the heat transfer medium flowing through the heat exchangers and [[a]] fluid flow connections by which heat transfer medium being conveyed from the heat source can flow through the heating/cooling surface

wherein a plurality of flow controllers are provided which is adapted to selectively open and close said fluid flow connections, at least one of said flow controllers being provided in each of said coolant and liquid heat transfer medium circuits, and

wherein said flow controllers are arranged to form a selectively operable means for producing, to produce, individually or in selected combinations, direct heating of both the heating/cooling surface and also the second heat exchanger with hot heat transfer medium received from the cooling circuit of the heat source, direct heating of only the second heat exchanger with hot heat transfer medium received from the cooling circuit of the heat source, charging of the heat/cold reservoir with thermal energy from the cooling circuit of the heat

- 3 -

Application No. 10/658,746  
Docket No. 033171-30

source, heating/cooling of the heating/cooling surface with thermal energy from the hot/cold reservoir, heating/cooling of the second heat exchanger with thermal energy from the hot/cold reservoir, charging of the thermal reservoir with thermal energy from the liquid heat transfer medium circuit, and charging of the thermal reservoir with thermal energy from the coolant circuit.

2. (Original) The device of claim 1, wherein the heating/cooling surface is arranged in a parallel connection to the heat exchanger in the heat transfer medium circuit.

3. (Previously Presented) The device of claim 1, further including a valve positioned to permit remote control of the flow of the liquid heat transfer medium through the heating/cooling surface.

4. (Withdrawn) The device of claim 1, further including a second heating/cooling surface for at least one of a second driver's bed and a second vehicle interior wall, said second heating/cooling surface being located in a parallel connection to the first heating/cooling surface.

5. (Withdrawn) The device of claim 4, further including a first valve positioned to permit remote control of said first heating/cooling surface and a second valve positioned to permit remote control of said second heating/cooling surface.

6. (Withdrawn) The device of claim 4, further including a common valve is positioned to permit remote control of the flow of heat transfer medium to the parallel connection and thus to the first and second heating/cooling surfaces.

7. (Withdrawn) The device of claim 4, wherein the second heat exchanger is adapted to receive an air flow therethrough.

8. (Withdrawn) The device of claim 7, wherein at least one of the first and second heating/cooling surfaces is series connected to the second heat exchanger, further including a

- 4 -

Application No. 10/658,746  
Docket No. 033171-30

bypass line positioned to bypass flow around said first and second heating/cooling surfaces and formed with an adjustable flow cross section.

9. (Withdrawn) The device of claim 7, wherein at least one of the first and the second heating/ cooling surfaces is located in a parallel connection to the second heat exchanger.

10. (Previously Presented) The device of claim 1, further including a circulation pump integrated into the liquid heat transfer medium circuit to convey the liquid heat transfer medium through the heat exchanger and the heating/cooling surface.

11. (Previously Presented) The device of claim 10, wherein the circulation pump conveys the liquid heat transfer medium through the second heat exchanger.

12. (Original) The device of claims 1, further including a second evaporator integrated into the coolant circuit and through which air flows.